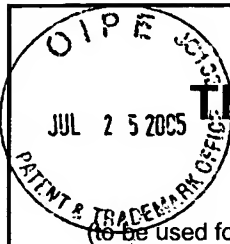
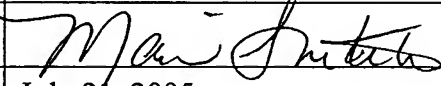

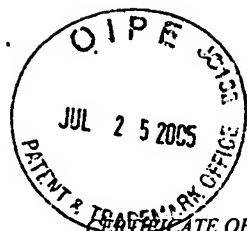


1762 JFW

 <h1 style="margin: 0;">TRANSMITTAL FORM</h1> <p style="font-size: small;">(to be used for all correspondence after initial filing)</p>		Application No.		10/519,331					
		Filing Date		April 18, 2005					
		First Named Inventor		Helms, et al.					
		Examiner Name		To be assigned					
		Group Art Unit		1762					
Total Number of Pages in This Submission		4		Attorney Docket No.		A-71606-1/MSS 463035-870			
ENCLOSURES (check all that apply)									
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached \$0.00 <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, No. of CD(s) _____		<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): A PTO SB/8A form, and fifteen (15) cited references along with a postcard.					
		Remarks							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT									
Firm or Individual name		Maria S. Swiatek, Reg. No. 37,244 Dorsey & Whitney LLP Suite 1000 555 California Street San Francisco, CA 94104-1513				Customer Number 32940			
Signature									
Date		July 21, 2005							
CERTIFICATE OF MAILING									
I hereby certify that this correspondence is being deposited with the United States Postal Service with Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:									
Typed or printed name		Kari Bateman							
Signature						Date		07/21/05	



CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 21, 2005.

Signature: _____

Kari Bateman
Kari Bateman

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
HELMS et al.

Application No. 10/519,331

Filed: April 18, 2005

For: Method for Energy-Assisted Atomic
Layer Deposition and Removal

Art Unit: 1762

Examiner: To be assigned

Confirmation No.: 9309

Date: July 21, 2005

INFORMATION DISCLOSURE STATEMENT SUBMITTED
PRIOR TO THE FIRST OFFICIAL ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/08A. Copies of the non-U.S. Cited References are enclosed.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

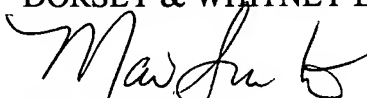
While no fee is believed to be due, if this belief is in error the Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be

required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. A-71606-1/MSS (463035-870)).

Please direct any calls in connection with this application to the undersigned at (650) 494-8700.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read 'Maria S. Swiatek', written over the printed name.

Maria S. Swiatek

Reg. No. 37,244

Customer No. 32940
Suite 1000, 555 California Street
San Francisco, CA 94104-1513
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Facsimile: (650) 494-8771

Please type a plus sign (+) inside this box ☐

PTO/SB/8A (08-00)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known				
				Application Number	10/519,331			
				Filing Date	April 18, 2005			
				First Named Inventor	HELMS et al.			
				Group Art Unit	1762			
				Examiner Name	Not yet assigned			
Sheet	1	of	1	Attorney Docket Number	A-71606-1/MSS (463035-870)			
U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number	Kind Code ² (if known)					
	A1	4,935,661		Heinecke et al.	06-19-1990			
	A2	6,287,965		Kang et al.	09-11-2001			
	A3	6,305,314	B1	Sneh et al.	10-23-2001			
	A4	6,429,109	B1	Zheng et al.	08-06-2002			
	A5	6,503,561	B1	Senzaki et al.	01-07-2003			
	A6	6,541,332	B2	Song	04-01-2003			
	A7	US 2002/0076508	A1	Chiang et al.	06-20-2002			
	A8	US 2002/0146511	A1	Chiang et al.	10-10-2002			
	A9	US 2003/0003635	A1	Paranipe et al.	01-02-2003			
	A10	US 2003/0064607	A1	Leu et al.	04-03-2003			
	A11	US 2003/0098480	A1	Zheng et al.	05-29-2003			
	A12	US 2003/0082296	A1	Elers et al.	05-01-2003			
	A13	US 2003/0104638	A1	Kim et al.	06-05-2003			
	A14	US 2003/0109094	A1	Seidel et al.	06-12-2003			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	B1	WO	02/43114	A2	Simplus Systems Corporation	05-30-2002		
Examiner Signature					Date Considered			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.